

### Claims

What is claimed is:

1. A method for deodorizing an odoriferous aqueous system comprising adding to said aqueous system an amount sufficient to deodorize said aqueous system of an organic halogen donor.
2. The method of claim 1, wherein said organic halogen donor is selected from the group consisting of halogenated succinimides, halogenated hydantoin, halogenated isothiazolines and mixtures thereof.
3. The method of claim 2, wherein said halogenated succinimide is selected from the group consisting of N-chlorosuccinimide, N-bromosuccinimide and mixtures thereof.
4. The method of claim 2, wherein said halogenated hydantoin is selected from the groups consisting of 1-bromo-3-chloro-5,5-dimethylhydantoin, 1,3-dichloro-5,5-dimethylhydantoin, 1,3-dibromo-5,5-dimethylhydantoin and mixtures thereof.
5. The method of claim 2, wherein said halogenated isothiazoline is selected from the group consisting of 5-chloro-2-methyl-4-isothiazolin-3-one, 5-bromo-2-methyl-4-isothiazolin-3-one and mixtures thereof.
6. The method of claim 1, wherein said organic halogen donor is added to said aqueous system in an amount of from about 1 to about 1,000 parts per million.
7. The method of claim 1, wherein said organic halogen donor is added to said aqueous system in an amount of from about 1 to about 500 parts per million.
8. A method of deodorizing the odoriferous atmosphere of an aqueous system comprising spraying into said atmosphere an aqueous solution of an organic halogen donor.

9. The method of claim 8, wherein said organic halogen donor is selected from the group consisting of halogenated succinimides, halogenated hydantoin, halogenated isothiazolines and mixtures thereof.
10. The method of claim 9, wherein said halogenated succinimide is selected from the group consisting of N-chlorosuccinimide, N-bromosuccinimide and mixtures thereof.
11. The method of claim 9, wherein said halogenated hydantoin is selected from the groups consisting of 1-bromo-3-chloro-5,5-dimethylhydantoin, 1,3-dichloro-5,5-dimethylhydantoin, 1,3-dibromo-5,5-dimethylhydantoin and mixtures thereof.
12. The method of claim 9, wherein said halogenated isothiazoline is selected from the group consisting of 5-chloro-2-methyl-4-isothiazolin-3-one, 5-bromo-2-methyl-4-isothiazolin-3-one and mixtures thereof.
13. A method of deodorizing an aqueous solution comprising adding to said aqueous solution an organic halogen donor in an amount sufficient to deodorize said aqueous solution.
14. The method of claim 13, wherein said organic halogen donor is selected from the group consisting of halogenated succinimides, halogenated hydantoin, halogenated isothiazolines and mixtures thereof.
15. The method of claim 14, wherein said halogenated succinimide is selected from the group consisting of N-chlorosuccinimide, N-bromosuccinimide and mixtures thereof.
16. The method of claim 14, wherein said halogenated hydantoin is selected from the group consisting of 1-bromo-3-chloro-5,5-dimethylhydantoin, 1,3-dichloro-5,5-dimethylhydantoin, 1,3-dibromo-5,5-dimethylhydantoin and mixtures thereof.

17. The method of claim 14, wherein said halogenated isothiazoline is selected from the group consisting of 5-chloro-2-methyl-4-isothiazolin-3-one, 5-bromo-2-methyl-4-isothiazolin-3-one and mixtures thereof.
18. The method of claim 13, wherein said organic halogen donor is added to said aqueous solution in an amount of from about 1 to about 1,000 parts per million.
19. The method of claim 13, wherein said organic halogen donor is added to said aqueous solution in an amount of from about 1 to about 500 parts per million.

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